

ABSTRACT OF THE INVENTION

A device for extracting an analyte from a sample matrix comprises a sorption vial with a conically shaped interior surface, which is coated with a sorbent material. A method for extracting an analyte from a sample matrix includes retaining the sorption vial within a sample vessel with the sorbent coating exposed to the sample matrix contained in the sample vessel. After the analyte is collected in the sorbent material, the sorption vial may be removed from the sample vessel and sealed, or a small amount of elution solvent may be added to the sorption vial before sealing. The sorption vial containing the analyte may then be stored or transported to a lab for further analysis.